

IN THE CLAIMS:

Please amend claims 77, 90, 103.

1 77. (Currently Amended) A method for managing a computer network, comprising:
2
3 operating a plurality of servers connected to the network, each server of the plu-
4 rality of servers connected to one or more storage devices, each storage device of the one
5 or more storage devices having one or more data storage disks;
6
7 assigning selected storage devices of the one or more storage devices to a particu-
8 lar volume, the one or more storage devices assigned to a plurality of volumes;
9
10 consolidating one or more selected volumes of the plurality of volumes into a
11 group of volumes to produce a plurality of group of volumes;
12
13 identifying a party interested in statistical information related to operation of a se-
14 lected group of volumes; ~~and~~
15
16 polling all volumes within the selected group of volumes of the plurality of
17 groups of volumes, by a monitoring process, for statistical information;
18

19 comparing the monitored statistical information to a threshold value to determine
20 whether an event has occurred; and
21
22 ~~displaying the statistical information related to the selected group of volumes to~~
23 ~~the interested party identified as interested in the statistical information of the selected~~
24 ~~group of volumes in response to determining that an event has occurred, notifying the~~
25 interested party.

1 78. (Previously Presented) The method according to Claim 77, further comprising:
2 determining the identity of the party in response to a predetermined event condi-
3 tion.

1 79. (Previously Presented) The method according to Claim 78, further comprising:
2 setting a threshold value for a parameter of a storage device in a predetermined
3 group; and
4 determining the event condition in response to the parameter exceeding the
5 threshold value.

1 80. (Previously Presented) The method according to Claim 79, further comprising:

2 including in the parameters at least one of a central processing utilization level, a
3 storage disk free space, a storage disk used space, and environmental condition, and an
4 operational status.

1 81. (Previously Presented) The method according to Claim 77, further comprising:

2 sending by e-mail to the party a notification of the statistical information related
3 to the selected group of volumes.

1 82. (Previously Presented) The method according to Claim 81, further comprising:

2 including at least one web link in the e-mail for use by the interested party.

1 83. (Previously Presented) The method according to Claim 77, further comprising:

2 retaining information with respect to the interested party in a database.

1 84. (Previously Presented) The method according to Claim 77, further comprising:

2 reporting the statistical information related to the selected group of volumes to a
3 web page so that the party can obtain the statistical information by accessing the web
4 page.

1 85. (Previously Presented) The method according to Claim 77, further comprising:
2 presenting the statistical information related to the selected group of volumes
3 through a graphical user interface.

1 86. (Previously Presented) The method according to Claim 77, further comprising:
2 placing alerts on the graphical user interface, the alerts identifying a problem
3 condition shown by the statistical information related to the selected group of volumes.

1 87. (Previously Presented) The method according to Claim 86, further comprising:
2 coding the alerts with color to indicate a severity of the problem condition.

1 88. (Previously Presented) The method according to Claim 77, further comprising:
2 consolidating the statistical information related to the selected group of volumes
3 with a statistical information related to an another selected group of volumes.

1 89. (Previously Presented) The method according to Claim 77, further comprising:
2 using a RAID array of disks as a storage device of the one or more storage
3 devices.

1 90. (Currently Amended) A computer network apparatus, comprising:

2 a plurality of servers, each server of the plurality of servers connected to one or
3 more storage devices, each storage device of the one or more storage devices having one
4 or more data storage disks;

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6 a selected storage device of the one or more storage devices assigned to a particu-
7 lar volume, the one or more storage devices assigned to a plurality of volumes;

8

9 a group of volumes formed by consolidating one or more selected volumes of the
10 plurality of volumes into the group of volumes to produce a plurality of groups of vol-
11 umes;

12

13 statistical information related to operation of a selected group of volumes, the sta-
14 tistical information identified as being of interest to a party; ~~and~~

15

16 a monitoring process used to poll all volumes within the selected group of vol-
17 umes of the plurality of group of volumes;

18

19 the monitored statistical information is compared to a threshold value to deter-
20 mine whether an event has occurred; and

21

22 ~~a display device to display the statistical information related to the selected group~~
23 ~~of volumes to the party identified as interested in the statistical information of the se-~~
24 ~~lected group of volumes~~ the party is notified if it is determined that an event has oc-
25 curred.

1 91. (Previously Presented) The apparatus according to Claim 90, further comprising:

2 an event condition, the identity of the party determined in response to the event
3 condition.

1 92. (Previously Presented) The apparatus according to Claim 91, further comprising:

2 a threshold value set for a parameter of a storage device in a predetermined group;
3 and

4 the event condition determined in response to the parameter exceeding the
5 threshold value.

1 93. (Previously Presented) The apparatus according to Claim 92, further comprising:

2 the parameters selected from at least one of a central processing utilization level, a
3 storage disk free space, a storage disk used space, and environmental condition, and an
4 operational status.

1 94. (Previously Presented) The apparatus according to Claim 90, further comprising:

2 an e-mail message sent to the party, the e-mail message referring to the statistical
3 information related to the selected group of volumes.

1 95. (Previously Presented) The apparatus according to Claim 94, further comprising:
2 at least one web link included in the e-mail message for use by the interested
3 party.

1 96. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a database to retain information with respect to the interested party.

1 97. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a web page to report the statistical information related to the selected group of
3 volumes so that the party can obtain the statistical information by accessing the web
4 page.

1 98. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a graphical user interface to present the statistical information related to the se-
3 lected group of volumes.

1 99. (Previously Presented) The apparatus according to Claim 98, further comprising:
2 alerts placed on the graphical user interface, the alerts identifying a problem
3 condition shown by the statistical information related to the selected group of volumes.

1 100. (Previously Presented) The apparatus according to Claim 99, further comprising:
2 color to code the alerts to indicate a severity of the problem condition.

1 101. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 the statistical information related to the selected group of volumes consolidated
3 with a statistical information related to an another selected group of volumes.

1 102. (Previously Presented) The apparatus according to Claim 90, further comprising:
2 a RAID array of disks used as a storage device of the one or more storage devices.

1 103. (Currently Amended) A computer readable media, comprising:
2 said computer readable media containing instructions for execution on a processor
3 for the practice of a method of managing a computer network, the method having the
4 steps of,

5 operating a plurality of servers connected to the network, each server of the plu-
6 rality of servers connected to one or more storage devices, each storage device of the one
7 or more storage devices having one or more data storage disks;

8
9 assigning selected storage devices of the one or more storage devices to a particu-
10 lar volume, the one or more storage devices assigned to a plurality of volumes;

11
12 consolidating one or more selected volumes of the plurality of volumes into a
13 group of volumes to produce a plurality of group of volumes;

14
15 identifying a party interested in statistical information related to operation of a
16 selected group of volumes; ~~and~~

17
18 polling all volumes within the selected group of volumes of the plurality of
19 groups of volumes, by a monitoring process, for statistical information;

20
21 comparing the monitored statistical information to a threshold value to determine
22 whether an event has occurred; and

23
24 ~~displaying the statistical information related to the selected group of volumes to~~
25 ~~the party identified as interested in the statistical information of the selected group of~~

26 ~~volumes~~ in response to determining that an event has occurred, notifying the interested
27 party.